

ENVIRONMENTAL MANAGEMENT AND COMPLIANCE DDT

4/21/00

BC# 000100899

Source/Driver: (Name & Number from ISP, IAG milestone, Mgmt. Action, Corres. Control, etc.)

Closure #: (Outgoing Correspondence Control #, if applicable)

Due Date

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QA Approval

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Document Classification
Review Waiver Per
Classification Office

Document Subject:

ROUTINE SITE INTERNAL WASTESTREAMS REPORT FOR UPDATE OF NPDES PERMIT APPLICATION

- KMM-055-98

September 25, 1998

KH00003NS1A

Discussion and/or Comments:

ACTION: Forward this information to the U.S. Environmental Protection Agency via the Department of Energy

The attached Internal Wastestream (IWS) report updates information contained in the application for the National Pollutant Discharge Elimination System (NPDES) Permit, Form 2C. The report describes routine industrial influent sources to the Rocky Flats Environmental Technology Site (Site) Wastewater Treatment Plant (WWTP) added since the previous report. The attached IWS report identifies:

1. Internal Wastestream tracking number,
2. Building number or location of the source (if applicable),
3. Description of the wastestream, and
4. Approximate volume discharged on an annual basis.

Routine discharges of Site industrial sources (non-process, non-domestic wastewater) include those wastestreams associated with normal building operations, and that are expected to contribute flow either continuously or periodically on a routine basis, as indicated in the description. Components of these wastestreams do not present compliance issues associated with WWTP operation. None of these industrial sources are expected to increase the level of pollutants released through Outfall STP.

The Site must maintain its NPDES permit application by keeping current the list of internal wastestreams that discharge to the WWTP. Wastestreams previously reported in the permit application are continuously under review. The review includes confirmation that the wastestreams continue to flow to the sanitary sewer system, and the assignment of an IWS tracking number to each confirmed wastestream. Those wastestreams previously reported but which no longer exist are deleted from the system. A list of all wastestreams currently flowing to the sanitary sewer is provided as Appendix 1, which replaces the previous list found in the draft

ADMIN RECORD

SW-A-002765

EM&C 11/97

SEP 1998

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permit Statement of Basis. In the future, the enclosed IWS report will become a requirement of the renewal permit if the provision remains unchanged from the public-noticed draft dated August 15, 1997.

The IWS report and Appendix should be forwarded to Mike Reed of the Environmental Protection Agency (EPA) via the Department of Energy (DOE). A transmittal letter to DOE and from DOE to EPA is also attached. If you have questions concerning the IWS report, please contact Sue Barker, RMRS, Water Management and Treatment, x3114.

SJB:slm

Attachments:
As Stated

cc:
S. J. Barker
N. P. Cypher
J. E. Law
K. M. Motyl
RMRS Records

DRAFT

Date

98-RF-xxxx

Joseph A. Legare
Assistant Manager, Environmental Compliance
DOE, RFFO
Building 460

Attn: K. Brakken

ROUTINE INTERNAL WASTESTREAMS REPORT AT ROCKY FLATS ENVIRONMENTAL
TECHNOLOGY SITE (SITE) FOR UPDATE OF NPDES PERMIT APPLICATION- GHS-xxx-98

The attached Internal Wastestream (IWS) report updates information contained in the application for the National Pollutant Discharge Elimination System (NPDES) Permit, Form 2C. The report describes routine industrial influent sources to the Site Wastewater Treatment Plant (WWTP) added since the previous report. The attached IWS report identifies:

1. Internal Wastestream tracking number,
2. Building number or location of the source (if applicable),
3. Description of the wastestream, and
4. Approximate volume discharged on an annual basis.

Routine discharges of Site industrial sources (non-process, non-domestic wastewater) include those wastestreams associated with normal building operations, and that are expected to contribute flow either continuously or periodically on a routine basis, as indicated in the description. Components of these wastestreams do not present compliance issues associated with WWTP operation. None of these industrial sources are expected to increase the level of pollutants released through Outfall STP.

The Site must maintain its NPDES permit application by keeping current the list of internal wastestreams that discharge to the WWTP. Wastestreams previously reported in the permit application are continuously under review. The review includes confirmation that the wastestreams continue to flow to the sanitary sewer system, and the assignment of an IWS tracking number to each confirmed wastestream. Those wastestreams previously reported but which no longer exist are deleted from the system. A list of all wastestreams currently flowing to the sanitary sewer is provided as Appendix 1, which replaces the previous list found in the draft permit Statement of Basis. In the future, the enclosed IWS report will become a requirement of the renewal permit if the provision remains unchanged from the public-noticed draft dated August 15, 1997.

If you have questions concerning the IWS report, please contact Sue Barker, RMRS, Water Management and Treatment, at 966-3114.

George H. Setlock
TITLE/DEPARTMENT
Kaiser-Hill Company, L.L.C.

GHS:xxx

Attachments:
As Stated

cc:
S.J.Barker, RMRS, T893A

0003

DRAFT

Date

Mike Reed
U.S. Environmental Protection Agency, Region VIII
ATTN: Rocky Flats Project Manager, 8HWM-RI
999 18th Street, Suite 500, 8WM-C
Denver, Colorado 80202-2405

ROUTINE INTERNAL WASTESTREAMS REPORT AT ROCKY FLATS ENVIRONMENTAL
TECHNOLOGY SITE (SITE) FOR UPDATE OF NPDES PERMIT APPLICATION- KTB-xxx-98

The attached Internal Wastestream (IWS) report updates information contained in the application for the National Pollutant Discharge Elimination System (NPDES) Permit, Form 2C. The report describes routine industrial influent sources to the Site Wastewater Treatment Plant (WWTP) added since the previous report. The attached IWS report identifies:

1. Internal Wastestream tracking number,
2. Building number or location of the source (if applicable),
3. Description of the wastestream, and
4. Approximate volume discharged on an annual basis.

Routine discharges of Site industrial sources (non-process, non-domestic wastewater) include those wastestreams associated with normal building operations, and that are expected to contribute flow either continuously or periodically on a routine basis, as indicated in the description. Components of these wastestreams do not present compliance issues associated with WWTP operation. None of these industrial sources are expected to increase the level of pollutants released through Outfall STP.

The Site must maintain its NPDES permit application by keeping current the list of internal wastestreams that discharge to the WWTP. Wastestreams previously reported in the permit application are continuously under review. The review includes confirmation that the wastestreams continue to flow to the sanitary sewer system, and the assignment of an IWS tracking number to each confirmed wastestream. Those wastestreams previously reported but which no longer exist are deleted from the system. A list of all wastestreams currently flowing to the sanitary sewer is provided as Appendix 1, which replaces the previous list found in the draft permit Statement of Basis. In the future, the enclosed IWS report will become a requirement of the renewal permit if the provision remains unchanged from the public-noticed draft dated August 15, 1997.

If you have questions concerning the IWS report, please contact Kent Brakken, DOE, RFFO, 966-3071.

Joseph A. Legare
Title

JAL:xxx

Attachments:
As Stated

cc:
S. J. Barker, RMRS, Bldg. T893A
J. E. Law, RMRS, Bldg. T893B
K. M. Motyl, RMRS, Bldg. T893A
G. H. Setlock, K-H, Bldg. T130C

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APPENDIX 1 ACTIVE INTERNAL WASTESTREAMS TO SEWAGE TREATMENT PLANT			
IWS NO*	BLDG NO	WASTE DESCRIPTION (Routine Discharges)	VOL Gal/Yr
	111	Process water	60
	111	Photochemicals	55
	122	Developer	375
	122	Water used in xray development	250
	122	Developer systems cleaner	60
	124	Process water samples	365
	331	Wash water and detergents	1,000
R018-00	331	Spent wastes from the cleaning of air handling units	1000
	331FD	Hose wash water	10,000
	331FD	Truck wash water	10,000
	331FD	Floor wash water	10,000
R012-00	331FD	Air compressor purge	50
	333	Latex cleaning rinse	60
	439	Latex cleaning rinse	100
	441	Waste photo developer	60
	441	Waste cleaning solutions	1
R004-00	443	Samples of boiler water and condensate	365
R005-00	443	Salt water solution from regeneration of water softener	32,000
R006-00	443	Compressor supernatant from oil/water mixture	55
	444	Water from HVAC air washer	1000
R008-00	460	Water from air compressor after oil/water separator	3,120
	559	Footing drain sump pit	75,000
R014-00	566	Laundry water	36,500
	662	Water with dirt, oil, grease & spent Salco cleaning agent	150
	701	Wash water from cleaning floors and equipment	200
	701	Liquid, aqueous solution from testing liquid stabilization process	50
	705	Non-hazardous liquid excess chemicals	1,000
	708	Cooling water leakage	10
R009-00	708	Air compressor water	3,000
R017-00	776/777	Condensate from intake plenums on kathabar units	80,000
	778	Process waste water from employee showers	48,000
R021-00	779	Miscellaneous non-hazardous aqueous waste	25
R022-00	779	Condensate from kathabar units	450
	783	Liquid treated cooling tower water	48,000
R019-00	865	Air compressor purge	50
R023-00	881	Blowdown of air compressor condensate	1800
	881F	Mop water	200
	881G	Mop water	200
R011-00	886	Safety shower testing	12
	991	Waste developer	180

	991	Waste water from photo developing process	500
	991	Water from heating coils	6,000
	991	Water from air compressor	50
		TOTAL GALLONS PER YEAR	371,353
IWS NO	BLDG NO	WASTE DESCRIPTION (Infrequent Discharges)	VOL (Gal)
	373	Cooling tower blowdown	40,000
R015-00	373	Cooling tower blowdown for annual cleaning	150,000
	443	Boiler and cooling tower blowdown	11,000
	444	Cooling tower blowdown	379,000
	454	Cooling tower blowdown	24,000
R020-00	460	Cooling tower blowdown	516,000
	563	Cooling tower blowdown	100,000
	711	Cooling tower blowdown	182,500
	865	Cooling tower blowdown	95,000
	881	Cooling tower blowdown	600,000
	991	Cooling tower blowdown	180
		TOTAL GALLONS	2,097,680

*IWS tracking numbers assigned for database reference; wastestreams without an assigned number were active prior to database implementation in 6/94.

Routine IWS Update Report

<i>IWS NO</i>	<i>BLDG NO</i>	<i>WASTE STREAM DESCRIPTION</i>	<i>VOLUME GAL/YR</i>
R021-00	779	Sodium carbonate/water cleaning solution	10
R022-00	779	Condensate from kathabar units	450
R023-00	881	Blowdown of air compressor condensate	1800